L	Hits	Search Text	DB	Time stamp
Number				
6	17	(broadcast\$3 adj receiver\$1) and (variable adj gain adj amplifier) and (noise adj2 ratio)	USPAT; US-PGPUB; EPO; JPO;	2004/02/04 13:37
7~	14	(variable adj gain adj amplifier) and	DERWENT USPAT; US-PGPUB;	2004/02/04
8	6	<pre>(noise adj2 ratio)) and (bandwidth and filter) (((broadcast\$3 adj receiver\$1) and (variable adj gain adj amplifier) and</pre>	EPO; JPO; DERWENT USPAT; US-PGPUB;	2004/02/04 13:39
10	0	(noise adj2 ratio)) and (bandwidth and filter)) and @ad<19991214 (((broadcast\$3 adj receiver\$1) and (variable adj gain adj amplifier) and	EPO; JPO; DERWENT USPAT; US-PGPUB;	2004/02/04
9	7	(noise adj2 ratio)) and (bandwidth and loop adj2 filter)) and @ad<19991214 ((broadcast\$3 adj receiver\$1) and	EPO; JPO; DERWENT USPAT;	2004/02/04
	2	<pre>(variable adj gain adj amplifier) and (noise adj2 ratio)) and (bandwidth and loop adj2 filter) jp-06216955\$.did.</pre>	US-PGPUB; EPO; JPO; DERWENT USPAT;	13:40
	2	·	US-PGPUB; EPO; JPO; DERWENT	15:12
-	118	(hiroaki adj ozeki) or (ozeki adj hiroaki)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02
_	0	((hiroaki adj ozeki) or (ozeki adj hiroaki)) and ((digital adj2 receiver) and ((two or multiple or dual) adj	USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:16
-	0	<pre>(amplifier\$1))) jp-06216955\$.did. and ((masami adj takigawa) or (takigawa adj masami))</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:16
-	45	((masami adj takigawa) or (takigawa adj masami))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:16
_	3	(((masami adj takigawa) or (takigawa adj masami))) and (digital adj2 receiver)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:17
-	2	((hitonobu adj furukawa) or (furukawa adj hitonobu))and (digital adj2 receiver)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:18
-	3	((junichi adj fukutani) or (fukutani adj junichi))and (digital adj2 receiver)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:19
_	0	(matsushita adj electric adj industurial) and (digital adj2 receiver)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:20
_	46	375/348.ccls. and (digital adj2 receiver)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:20
_	41	(375/348.ccls. and (digital adj2 receiver)) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:23
_	21	((375/348.ccls. and (digital adj2 receiver)) and @ad<19991214) and amplifier\$1	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02

			_	
-	1	((375/348.ccls. and (digital adj2 receiver)) and @ad<19991214) and (variable adj gain adj amplifier\$1)	USPAT; US-PGPUB; EPO; JPO;	2004/02/02 17:25
-	0	((375/348.ccls. and (digital adj2	DERWENT USPAT;	2004/02/02
		receiver)) and @ad<19991214) and ((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))	US-PGPUB; EPO; JPO; DERWENT	17:00
_	10	375/345.ccls. and ((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:20
-	6	(375/345.ccls. and ((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))) and	USPAT; US-PGPUB; EPO; JPO;	2004/02/02 15:23
-	3	<pre>@ad<19991214 ((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1)) and (adc with compar\$4)</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 10:27
_	25	(digital adj receiver) and (adc with compar\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:01
-	9	((digital adj receiver) and (adc with compar\$4)) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:01
_	0	(((digital adj receiver) and (adc with compar\$4)) and @ad<19991214) and ((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:02
-	0	((digital adj receiver) and (adc with compar\$4)) and ((multiple or two or second or dual or plural) adj (variable	USPAT; US-PGPUB; EPO; JPO;	2004/02/02 17:02
-	1	adj gain adj amplifier\$1)) "4517526".PN.	DERWENT USPAT	2004/02/02 17:13
-	1	"4710772".PN.	USPAT	2004/02/02 17:13
_	1	"5325401".PN.	USPAT	2004/02/02
_	1	"5528633".PN.	USPAT	17:13 2004/02/02
-	1	"5640670".PN.	USPAT	17:16 2004/02/02 17:16
_	1	"5721757".PN.	USPAT	17:16 2004/02/02 17:17
-	1	"5999559".PN.	USPAT	17:17 2004/02/02 17:17
-	1	"6011980".PN.	USPAT	2004/02/02 17:17
-	1	"6134430".PN.	USPAT	17:17 2004/02/02 17:18
-	1	"6175279".PN.	USPAT	17.18 2004/02/02 17:19
-	1	"6175279".PN.	USPAT	2004/02/02 17:19
-	1	"6208849".PN.	USPAT	2004/02/02 17:19
-	1	"6208849".PN.	USPAT	2004/02/02 17:19
-	1	"6236848".PN.	USPAT	17:19 2004/02/02 17:19
-	1	"6236848".PN.	USPAT	17:19 2004/02/02 17:20
-	o	dba and ((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))	USPAT; US-PGPUB; EPO; JPO;	2004/02/02 17:21
	L		DERWENT	<u> </u>

			•	
-	1	(digital adj broadcast) and ((multiple or two or second or dual or plural) adj	USPAT; US-PGPUB;	2004/02/02 17:21
		(variable adj gain adj amplifier\$1))	EPO; JPO; DERWENT	2004/02/02
-	1	(wave adj broadcast)and ((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:21
-	1	(375/332.ccls.)and ((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:22
-	5	(375/332.ccls.)and level adj compar\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:23
-	0	((375/332.ccls.)and level adj compar\$4) and (analog adj2 digital adj converter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:23
-	1803	(level adj compar\$4) and (analog adj2 digital adj converter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:27
-	17	((level adj compar\$4) and (analog adj2 digital adj converter)) and (digital adj receiver)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:24
-	8	(((level adj compar\$4) and (analog adj2 digital adj converter)) and (digital adj receiver)) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:24
-	0	((((level adj compar\$4) and (analog adj2 digital adj converter)) and (digital adj receiver)) and (@ad<19991214) and (variable adj gain adj amplifier\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:27
-	1	(digital adj modula\$4) with ((level adj compar\$4) and (analog adj2 digital adj converter))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:27
-	2	(digital adj modula\$4) with (level adj compar\$4) and (analog adj2 digital adj converter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/02 17:27
-	1	((digital adj modula\$4) with (level adj compar\$4) and (analog adj2 digital adj converter)) and (variable adj gain adj amplifier\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 10:08
-	1	"3906487".PN.	USPAT	2004/02/03 10:07
-	1	"4023019".PN.	USPAT	2004/02/03 10:07
-	1	"4276604".PN.	USPAT	2004/02/03 10:07
-	0	<pre>((two or many or multiple or plural or dual) adj (variable adj gain adj amplifier\$1)) with ((analog adj2 digital adj converter) and (level adj comparator) and (loop adj filter) and (control adj voltage adj generator))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:06
-	0	(digital adj2 receiver) with ((analog adj2 digital adj converter) and (level adj comparator) and (loop adj filter) and (control adj voltage adj generator))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 10:21
_	0	<pre>(receiver) with ((analog adj2 digital adj converter) and (level adj comparator) and (loop adj filter) and (control adj voltage adj generator))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 10:11
-	1	(receiver) and ((analog adj2 digital adj converter) and (level adj comparator) and (loop adj filter) and (control adj voltage adj generator))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 10:11
L		vortage day generatory,	S D I M D IA I	L

-	1	((analog adj2 digital adj converter) and (level adj comparator) and (loop adj	USPAT;	2004/02/03
		filter) and (control adj voltage adj	US-PGPUB; EPO; JPO;	10:26
		generator))	DERWENT	
-	1265	wave adj broadcast\$3	USPAT;	2004/02/03
			US-PGPUB; EPO; JPO;	10:23
			DERWENT	
-	1	\ \ \ \\ \.	USPAT;	2004/02/03
		digital adj converter) and (level adj comparator) and (loop adj filter) and	US-PGPUB; EPO; JPO;	10:12
		(control adj voltage adj generator))	DERWENT	
-	2	(wave adj broadcast\$3) and ((level adj	USPAT;	2004/02/03
		comparator) and (loop adj filter) and (control adj voltage adj generator))	US-PGPUB; EPO; JPO;	10:20
		, seemed any second and generates,	DERWENT	
-	2	'	USPAT;	2004/02/03
		filter) and (control adj voltage adj generator))	US-PGPUB; EPO; JPO;	10:24
			DERWENT	
-	31	((: :::: ::: ::: ::: ::: ::: :::	USPAT;	2004/02/03
		(control adj voltage adj generator))	US-PGPUB; EPO; JPO;	10:21
	-		DERWENT	
-	0	(((comparator) and (loop adj filter) and	USPAT;	2004/02/03
		(control adj voltage adj generator))) and ((digital adj2 receiver) with (analog	US-PGPUB; EPO; JPO;	10:22
		adj2 digital adj converter))	DERWENT	
-	1	(((comparator) and (loop adj filter) and	USPAT;	2004/02/03
		(control adj voltage adj generator))) and ((digital adj2 receiver) and (analog adj2	US-PGPUB; EPO; JPO;	10:22
		(digital adj receiver) and (analog adjz digital adj converter)	DERWENT	
-	4	(wave adj broadcast\$3) and ((digital adj2	USPAT;	2004/02/03
		receiver) and (analog adj2 digital adj converter))	US-PGPUB;	10:28
		Convercer;	EPO; JPO; DERWENT	
-	28	wave adj broadcast\$3 adj receiver	USPAT;	2004/02/03
			US-PGPUB;	10:24
			EPO; JPO; DERWENT	
-	0	(wave adj broadcast\$3 adj receiver) and	USPAT;	2004/02/03
		((level\$1) and (loop adj filter) and (control adj voltage adj generator))	US-PGPUB; EPO; JPO;	10:24
		(control ady voltage ady generator))	DERWENT	
-	10301	broadcast\$3 adj receiver	USPAT;	2004/02/03
			US-PGPUB;	10:24
			EPO; JPO; DERWENT	
-	2		USPAT;	2004/02/03
		((level\$1) and (loop adj filter) and (control adj voltage adj generator))	US-PGPUB; EPO; JPO;	10:26
			DERWENT	
-	0		USPAT;	2004/02/03
		((level\$1) and (loop adj filter) and (control adj voltage adj generator))) and	US-PGPUB; EPO; JPO;	10:26
		(analog adj2 digital adj converter)	DERWENT	
-	166	(broadcast\$3 adj receiver) and (analog	USPAT;	2004/02/03
		adj2 digital adj converter)	US-PGPUB; EPO; JPO;	10:29
			DERWENT	
-	0	((broadcast\$3 adj receiver) and (analog	USPAT;	2004/02/03
		adj2 digital adj converter)) and ((level\$1) and (loop adj filter) and	US-PGPUB; EPO; JPO;	10:27
		(control adj voltage adj generator))	DERWENT	
-	512	((multiple or two or second or dual or	USPAT;	2004/02/03
		<pre>plural) adj (variable adj gain adj amplifier\$1))</pre>	US-PGPUB; EPO; JPO;	10:27
	'		DERWENT	
-	5	(((multiple or two or second or dual or	USPAT;	2004/02/03
		plural) adj (variable adj gain adj amplifier\$1))) and ((digital adj2	US-PGPUB; EPO; JPO;	10:28
		receiver))	DERWENT	

Page 4

-	<pre>3 ((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))) and ((digital adj2</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 10:36
-	receiver))) and @ad<19991214 [((((multiple or two or second or dual or	DERWENT USPAT;	2004/02/03
	plural) adj (variable adj gain adj amplifier\$1))) and ((digital adj2 receiver))) and @ad<19991214) and (analog adj2 digital adj converter)	US-PGPUB; EPO; JPO; DERWENT	10:35
-	07598845.ap.	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 10:32
-	5 598845.ap.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	620092.ap.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
- 7293	29and (analog adj2 digital adj converter)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
7	(((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))) and (analog adj2 digital adj converter)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
- 6	((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))) and (analog adj2 digital adj converter)) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 10:46
	((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))) and (analog adj2 digital adj converter)) and @ad<19991214) and (level\$1 and comparator and (loop adj filter) and (control adj voltage and generator))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 10:48
-	(((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))) and (analog adj2 digital adj converter)) and @ad<19991214) and (level\$1 and comparator and (loop adj filter) and (control adj voltage adj generator))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 10:48
-	((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1)) and (analog adj2 digital adj converter) and @ad<19991214) and (level\$1 and comparator and (loop adj filter) and (control adj voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-	<pre>(((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))) and (analog adj2 digital adj converter)) and @ad<19991214) and (level\$1 and comparator and (loop adj filter))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 11:21
-	((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1)) and (analog adj2 digital adj converter) and @ad<19991214) and (level\$1 and compar\$4 and (loop adj filter))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
	"4213097".PN.	USPAT	2004/02/03
- 29	(compar\$3 adj level\$1) and (analog adj digital adj converter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03

_	243	((compar\$3 adj level\$1) and (analog adj digital adj converter)) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 11:28
_	4	(((compar\$3 adj level\$1) and (analog adj	DERWENT USPAT;	2004/02/03
		digital adj converter)) and @ad<19991214) and (digital adj2 receiver)	US-PGPUB; EPO; JPO;	11:24
_	13	(compar\$3 adj level\$1) and (analog adj digital adj converter) and (loop adj	DERWENT USPAT; US-PGPUB;	2004/02/03
	0	filter) ((((compar\$3 adj level\$1) and (analog adj	EPO; JPO; DERWENT	2004/02/03
	٥	digital adj converter) and (loop adj filter)) and @ad<19991214) and (digital adj2 receiver)	USPAT; US-PGPUB; EPO; JPO; DERWENT	11:28
-	7	,	USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	1106	(analog adj digital adj converter) with compar\$3	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 11:42
_	12	((analog adj digital adj converter) with compar\$3) and (digital adj2 receiver)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
_	7	(((analog adj digital adj converter) with compar\$3) and (digital adj2 receiver)) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 11:29
_	0	((((analog adj digital adj converter) with compar\$3) and (digital adj2 receiver)) and @ad<19991214) and loop adj filter	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	0		DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 11:29
-	2		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 11:29
-	3	(level adj compar\$3) with (loop adj filter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
_	0	((level adj compar\$3) with (loop adj filter)) and (analog adj digital adj converter)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03
	841	((remove or eliminate or reduce) adj ghost)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 11:41
_	5	(((remove or eliminate or reduce) adj ghost)) and (digital adj2 receiver)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	1	((((remove or eliminate or reduce) adj ghost)) and (digital adj2 receiver)) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-		<pre>(((remove or eliminate or reduce) adj ghost)) and ((analog adj digital adj converter) with compar\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-	0	<pre>(variable adj gain adj amplifier) with ((analog adj digital adj converter) with compar\$3) with (pll or (loop adj filter)) and (control adj voltage)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 11:46

_	0	(variable adj gain adj amplifier) and	USPAT;	2004/02/03
		((analog adj digital adj converter) with	US-PGPUB;	11:47
		compar\$3) and (pll or (loop adj filter))	EPO; JPO;	
	314	and (control adj voltage)	DERWENT	2004/02/02
_	314	(variable adj gain adj amplifier) and (pll or (loop adj filter)) and (control	USPAT; US-PGPUB;	2004/02/03
1		(pir of (100p ad) fifter); and (control adj voltage)	EPO; JPO;	11:50
		adj vortuge,	DERWENT	
-	196	((variable adj gain adj amplifier) and	USPAT;	2004/02/03
		(pll or (loop adj filter)) and (control	US-PGPUB;	11:51
		adj voltage)) and @ad<19991214	EPO; JPO;	
	176	///waniahla add main add amalifical and	DERWENT	2004/02/02
-	1/0	(((variable adj gain adj amplifier) and (pll or (loop adj filter)) and (control	USPAT; US-PGPUB;	2004/02/03 11:47
		adj voltage)) and @ad<19991214) and	EPO; JPO;	1 *** * 7 /
		level\$1	DERWENT	
-	6		USPAT;	2004/02/03
		(pll or (loop adj filter)) and (control	US-PGPUB;	11:52
		adj voltage)) and @ad<19991214) and	EPO; JPO;	
	1	level\$1) and (digital adj2 receiver)	DERWENT	2004/02/03
-	†	<pre>(((((variable adj gain adj amplifier) and (pll or (loop adj filter)) and (control</pre>	USPAT; US-PGPUB;	2004/02/03
		adj voltage)) and @ad<19991214) and	EPO; JPO;	======
		level\$1) and (digital adj2 receiver)) and	DERWENT	
		(analog adj digital adj converter)		
-	264	(variable adj gain adj amplifier) and	USPAT;	2004/02/03
		compar\$3 and (pll or (loop adj filter))	US-PGPUB;	11:51
		and (control adj voltage)	EPO; JPO; DERWENT	.
_	248	((variable adj gain adj amplifier) and	USPAT;	2004/02/03
		compar\$3 and (pll or (loop adj filter))	US-PGPUB;	11:51
		and (control adj voltage)) and level\$3	EPO; JPO;	
			DERWENT	
-	248	((variable adj gain adj amplifier) and	USPAT;	2004/02/03
		<pre>compar\$3 and (pll or (loop adj filter)) and (control adj voltage)) and level\$1</pre>	US-PGPUB; EPO; JPO;	11:51
		and (control ad) voltage); and levels1	DERWENT	
_	146	(((variable adj gain adj amplifier) and	USPAT;	2004/02/03
		compar\$3 and (pll or (loop adj filter))	US-PGPUB;	12:01
,		and (control adj voltage)) and level\$1)	EPO; JPO;	
'	5	and @ad<19991214	DERWENT	0004/00/00
-	٦	<pre>((((variable adj gain adj amplifier) and compar\$3 and (pll or (loop adj filter))</pre>	USPAT; US-PGPUB;	2004/02/03
		and (control adj voltage)) and level\$1)	EPO; JPO;	11.52
		and @ad<19991214) and (digital adj2	DERWENT	
		receiver)		
-	1	(((((variable adj gain adj amplifier) and	USPAT;	2004/02/03
		compar\$3 and (pll or (loop adj filter))	US-PGPUB;	11:55
		and (control adj voltage)) and level\$1) and @ad<19991214) and (digital adj2	EPO; JPO; DERWENT	
		receiver)) and (analog adj digital adj	~~************************************	
		converter)		
-	1	5572264.pn. and (analog adj digital adj	USPAT;	2004/02/03
		converter)	US-PGPUB;	11:59
			EPO; JPO; DERWENT	
_ i	ا ر	5572264.pn. and (analog adj digital adj	USPAT;	2004/02/03
		converter) and comparator	US-PGPUB;	12:00
			EPO; JPO;	
			DERWENT	
-	0	(, , , , , , , , , , , , , , , , , , ,	USPAT;	2004/02/03
		and compar\$3 and (pll or (loop adj	US-PGPUB;	12:00
		<pre>filter)) and (control adj voltage)) and level\$1) and @ad<19991214) and (digital</pre>	EPO; JPO; DERWENT	
		adj2 receiver)) and (analog adj digital	TREMENT	
		adj converter)) and comparator		
-	1	(((((variable adj gain adj amplifier)	USPAT;	2004/02/03
		and compar\$3 and (pll or (loop adj	US-PGPUB;	12:01
	.	filter)) and (control adj voltage)) and	EPO; JPO;	
		level\$1) and @ad<19991214) and (digital adj2 receiver)) and (analog adj digital	DERWENT	
		adj converter)) and compar\$3		
·		#		L

			•	
-	13	(digital adj receiver) and (level adj compar\$3)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 12:04
_	10	' ' ' ' ' ' ' ' ' ' '	DERWENT USPAT;	2004/02/03
		compar\$3)) and @ad<19991214	US-PGPUB; EPO; JPO; DERWENT	12:04
,	0	(((digital adj receiver) and (level adj compar\$3)) and @ad<19991214) and (analog adj digital adj converter)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	2017	compar\$3 adj reference adj level	DERWENT USPAT; US-PGPUB;	2004/02/03
_	92	, (EPO; JPO; DERWENT USPAT;	2004/02/03
		(analog adj digital adj converter)	US-PGPUB; EPO; JPO; DERWENT	12:04
-	0	((compar\$3 adj reference adj level) and (analog adj digital adj converter)) and (digital adj receiver)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-	0	((compar\$3 adj reference adj level) and (analog adj digital adj converter)) and (digital adj2 receiver)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:07
-	48	((compar\$3 adj reference adj level) and (analog adj digital adj converter)) and (receiver)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	39	(((compar\$3 adj reference adj level) and (analog adj digital adj converter)) and (receiver)) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	8015	(level adj compar\$3) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 12:06
-	547	((level adj compar\$3) and @ad<19991214) and (analog adj2 digital adj converter)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:14
_	. 0	<pre>(((level adj compar\$3) and @ad<19991214) and (analog adj2 digital adj converter)) and ((two or many or multiple or plural or dual) adj (variable adj gain adj amplifier\$1))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:07
-	66	<pre>(((level adj compar\$3) and @ad<19991214) and (analog adj2 digital adj converter)) and ((variable adj gain adj amplifier\$1))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:07
-	66	((((level adj compar\$3) and @ad<19991214) and (analog adj2 digital adj converter)) and ((variable adj gain adj	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 12:09
-	0	<pre>amplifier\$1))) and @ad<19991214 (((((level adj compar\$3) and @ad<19991214) and (analog adj2 digital adj converter)) and ((variable adj gain</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
_	48	adj amplifier\$1))) and @ad<19991214) and (digital adj2 receiver) (((((level adj compar\$3) and	DERWENT USPAT;	2004/02/03
		(Add 19991214) and (analog adj2 digital adj converter)) and (variable adj gain adj amplifier\$1)) and @ad<19991214) and (control adj voltage)	US-PGPUB; EPO; JPO; DERWENT	12:07
-	48	((((((level adj compar\$3) and @ad<19991214) and (analog adj2 digital adj converter)) and ((variable adj gain adj amplifier\$1))) and @ad<19991214) and	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 12:08
		(control adj voltage)) and receiver	DERWENT	

_	32	(((((((level adj compar\$3) and @ad<19991214) and (analog adj2 digital adj converter)) and ((variable adj gain	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 12:08
		adj converter), and ((variable adj gain adj amplifier\$1))) and @ad<19991214) and (control adj voltage)) and receiver) and ((pll) or (loop adj filter))	DERWENT	
-	89	(digital adj2 receiver) with ((pll) or (loop adj filter))	USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	12	((digital adj2 receiver) with ((pll) or (loop adj filter))) and (level\$1 and compar\$3)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:09
-	4	(((digital adj2 receiver) with ((pll) or (loop adj filter))) and (level\$1 and compar\$3)) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:11
-	18	(digital adj2 modulation adj2 receiver) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:11
-	1	((digital adj2 modulation adj2 receiver) and @ad<19991214) and (variable adj gain adj amplifier)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:13
-	9	and @ad<19991214) and (compar\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:13
-	2	(((digital adj2 modulation adj2 receiver) and @ad<19991214) and (compar\$3)) and (analog adj2 digital adj converter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-	389	<pre>(analog adj2 digital adj converter) with ((pll) or (loop adj filter))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-	11	<pre>((analog adj2 digital adj converter) with ((pll) or (loop adj filter))) and (digital adj2 receiver)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:20
-	7	(((analog adj2 digital adj converter) with ((pll) or (loop adj filter))) and (digital adj2 receiver)) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:26
-	5	<pre>((((analog adj2 digital adj converter) with ((pll) or (loop adj filter))) and (digital adj2 receiver)) and @ad<19991214) and (level\$1 and compar\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:24
-	2	<pre>((((analog adj2 digital adj converter) with ((pll) or (loop adj filter))) and (digital adj2 receiver)) and @ad<19991214) and (level\$1 with compar\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:24
-	0	<pre>((((analog adj2 digital adj converter) with ((pll) or (loop adj filter))) and (digital adj2 receiver)) and @ad<19991214) and (level\$1 adj compar\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-	0	<pre>(((analog adj2 digital adj converter) with ((pll) or (loop adj filter))) and (digital adj2 receiver)) and (level\$1 adj compar\$3)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:24
-	3	((analog adj2 digital adj converter) with ((pll) or (loop adj filter))) and (level\$1 adj compar\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:25
-	0	375/332.ccls. and (level adj compar\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 12:26

-	18	375/345.ccls. and (level adj compar\$3)	USPAT;	2004/02/03
			US-PGPUB; EPO; JPO;	12:26
			DERWENT	
j -	13	(= : : / = : : : : : : : : : : : : : : :	USPAT;	2004/02/03
		and @ad<19991214	US-PGPUB; EPO; JPO;	12:26
			DERWENT	
-	1	(USPAT;	2004/02/03
		and @ad<19991214) and (analog adj2 digital adj converter)	US-PGPUB; EPO; JPO;	12:33
		digital adj convertel/	DERWENT	
-	1	(USPAT;	2004/02/03
		and @ad<19991214) and ((analog adj2	US-PGPUB;	12:34
		digital adj converter) or (adc))	EPO; JPO; DERWENT	
-	0	6631171.pn. and (level adj compar\$3)	USPAT;	2004/02/03
			US-PGPUB;	14:14
		,	EPO; JPO; DERWENT	
_	2	6631171.pn.	USPAT;	2004/02/03
	,	_	US-PGPUB;	16:01
			EPO; JPO;	
-	2	5375145.pn.	DERWENT USPAT;	2004/02/03
		_	US-PGPUB;	14:45
			EPO; JPO;	,
_	2	4355304.pn.	DERWENT USPAT;	2004/02/03
	_	, , , , , , , , , , , , , , , , , , ,	US-PGPUB;	14:23
			EPO; JPO;	
i _	2	6032031.pn.	DERWENT USPAT;	2004/02/03
	_		US-PGPUB;	14:50
			EPO; JPO;	
	10195	 (echo or rebound or ghost) adj (cancell\$5	DERWENT USPAT;	2004/02/03
	10133	or reduc\$4 or elimina\$4 or suppress\$3)	US-PGPUB;	14:51
		•	EPO; JPO;	
_	121	((echo or rebound or ghost) adj	DERWENT	2004/02/03
	121	(cancell\$5 or reduc\$4 or elimina\$4 or	USPAT; US-PGPUB;	14:52
		suppress\$3)) and (control adj voltage)	EPO; JPO;	
_	102	(((echo or rebound or ghost) adj	DERWENT	2004/00/02
	102	(cancell\$5 or reduc\$4 or elimina\$4 or	USPAT; US-PGPUB;	2004/02/03 14:52
		<pre>suppress\$3)) and (control adj voltage))</pre>	EPO; JPO;	
_	8	and level\$1	DERWENT	2004/22/22
	°	((((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or	USPAT; US-PGPUB;	2004/02/03
		<pre>suppress\$3)) and (control adj voltage))</pre>	EPO; JPO;	
]	and level\$1) and ((variable adj gain adj	DERWENT	
_	7	<pre>amplifier\$1) or (vga)) (((((echo or rebound or ghost) adj</pre>	USPAT;	2004/02/03
		(cancell\$5 or reduc\$4 or elimina\$4 or	US-PGPUB;	14:57
		suppress\$3)) and (control adj voltage))	EPO; JPO;	
		and level\$1) and ((variable adj gain adj amplifier\$1) or (vga))) and @ad<19991214	DERWENT	
-	1	(((((echo or rebound or ghost) adj	USPAT;	2004/02/03
		(cancell\$5 or reduc\$4 or elimina\$4 or	US-PGPUB;	14:56
		<pre>suppress\$3)) and (control adj voltage)) and level\$1) and ((variable adj gain adj</pre>	EPO; JPO; DERWENT	
		amplifier\$1) or (vga))) and @ad<19991214)	DEWARIAT	
		and ((operat\$3 or start\$3) adj point)		
_	1	(((((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or	USPAT;	2004/02/03
		suppress\$3)) and (control adj voltage))	US-PGPUB; EPO; JPO;	14:57
		and level\$1) and ((variable adj gain adj	DERWENT	
		<pre>amplifier\$1) or (vga))) and @ad<19991214) and ((operat\$3 or start\$3 or initial\$7)</pre>		
		and ((operat;) or start;) or initial;)) adj point)		
	·		·	l

Cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3) and (control adj voltage) and level\$1) and ((variable adj gain adj amplifier\$1) or (vga)) and @ad<19991214 and shift\$3 (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3) and (((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1) and (analog adj2 digital adj converter) and @ad<19991214) and (level\$1 and comparator and (loop adj filter) and (cancell \$5 or reduc\$4 or elimina\$4 or suppress\$3) and (((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1)) and (analog adj2 digital adj converter) and ((cancell \$5 or reduc\$4 or elimina\$4 or suppress\$3) and (((((((((((((((((((((((((((((((((((
(cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3) and ((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1)) and (analog adj2 digital adj converter) and (adc19991214) and (level\$1 and comparator and (loop adj filter) and (control adj voltage))	-	7	(cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and (control adj voltage)) and level\$1) and ((variable adj gain adj amplifier\$1) or (vga))) and @ad<19991214	US-PGPUB; EPO; JPO;	
and (loop adj filter) and (control adj voltage)) ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and (((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1)) and (analog adj2 digital adj converter) and (ead<19991214) 1 "4517526".PN. 1 "4710772".PN. 1 "5325401".PN. 1 "5528633".PN. 2 ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) ((eleho or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) ((eleho or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) ((eleho or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) ((eleho or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) ((eleho or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and (variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and (variable adj gain adj amplifier) and shift\$3 and (control adj voltage))	-	0	<pre>(cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1))) and (analog adj2 digital adj converter)) and</pre>	US-PGPUB; EPO; JPO;	
1		0	and (loop adj filter) and (control adj voltage)) ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and (((multiple or two or second or dual or plural) adj (variable adj gain adj amplifier\$1)) and (analog adj2 digital adj converter) and	US-PGPUB; EPO; JPO;	
1	-	1		USPAT	
- 1 "5325401".PN. USPAT 2004/02/03 15:07 - 1 "5528633".PN. USPAT 2004/02/03 15:07 - 1 "5603114".PN. USPAT 2004/02/03 15:07 - 0 ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or voltage)) - 6 ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) - 6 ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage))) and @ad<19991214	-	1	"4710772".PN.	USPAT	2004/02/03
- 1 "5528633".PN. 1 "5603114".PN. 1 "5603114".PN. 2004/02/03 15:07 USPAT 2004/02/03 15:07 USPAT 2004/02/03 15:07 USPAT 2004/02/03 15:07 USPAT; 2004/02/03 15:12 EPO; JPO; DERWENT USPAT; 2004/02/03 15:12 EPO; JPO; DERWENT USPAT; 2004/02/03 15:12	-	1	"5325401".PN.	USPAT	2004/02/03
1 "5603114".PN. ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or voltage)) ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage))) and (variable adj gain adj amplifier) and shift\$3 and (control adj voltage))) and (ad<19991214)	-	1	"5528633".PN.	USPAT	2004/02/03
(cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj voltage)) (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj voltage)) ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) and @ad<19991214	-	1	"5603114".PN.	USPAT	2004/02/03
- 6 ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) - 6 ((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage)) and @ad<19991214 USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPU	_	0	<pre>(cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) with shift\$3 with (control adj</pre>	US-PGPUB; EPO; JPO;	2004/02/03
(cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj voltage))) and @ad<19991214 US-PGPUB; EPO; JPO; DERWENT	_	6	((echo or rebound or ghost) adj (cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj	US-PGPUB; EPO; JPO;	,
	_	6	(cancell\$5 or reduc\$4 or elimina\$4 or suppress\$3)) and ((variable adj gain adj amplifier) and shift\$3 and (control adj	US-PGPUB; EPO; JPO;	
1 3040070 :FN: 0SPAT 2004/02/03 15:13	_	1	"5640670".PN.	USPAT	2004/02/03
61 (((multiple or two or second or dual or plural) adj (variable adj gain adj US-PGPUB; amplifier\$1)) and (analog adj2 digital EPO; JPO; adj converter) and @ad<19991214) DERWENT	_		plural) adj (variable adj gain adj amplifier\$1)) and (analog adj2 digital adj converter) and @ad<19991214)	US-PGPUB; EPO; JPO;	2004/02/03
8 ((((multiple or two or second or dual or plural) adj (variable adj gain adj US-PGPUB; amplifier\$1)) and (analog adj2 digital adj converter) and @ad<19991214)) and DERWENT	_	8	<pre>plural) adj (variable adj gain adj amplifier\$1)) and (analog adj2 digital adj converter) and @ad<19991214)) and</pre>	US-PGPUB; EPO; JPO;	
- 1 ((pll) or (loop adj filter)) 1 "5721757".PN. USPAT 2004/02/03	-	1		USPAT	
1 "5999559".PN. USPAT 15:25 2004/02/03	-	1	"5999559".PN.	USPAT	2004/02/03
((digital adj broadcast adj receiver) USPAT;	_	0		US-PGPUB; EPO; JPO;	2004/02/03
9 ((digital adj broadcast adj receiver) and uspat; us-pgpub; equalizer) 2004/02/03 16:06 EPO; JPO; DERWENT	-	9		USPAT; US-PGPUB; EPO; JPO;	

-	814	((digital adj2 receiver) and equalizer)	USPAT; US-PGPUB;	2004/02/03 16:06
			EPO; JPO;	
_	147	(((digital adj2 receiver) and	DERWENT USPAT;	2004/02/03
		equalizer)) and lms	US-PGPUB;	16:06
			EPO; JPO;	
			DERWENT	
-	100	((((digital adj2 receiver) and	USPAT;	2004/02/03
		equalizer)) and lms) and averag\$3	US-PGPUB; EPO; JPO;	16:07
			DERWENT	
_	56	(((((digital adj2 receiver) and	USPAT;	2004/02/03
		equalizer)) and lms) and averag\$3) and	US-PGPUB;	16:08
		@ad<19991214	EPO; JPO;	
_	54	/////disital adia massissan) and	DERWENT	2004/00/02
	54	((((((digital adj2 receiver) and equalizer)) and lms) and averag\$3) and	USPAT; US-PGPUB;	2004/02/03 16:10
		Gad<19991214) and delay	EPO; JPO;	10.10
		-	DERWENT	
-	45	((((((digital adj2 receiver) and	USPAT;	2004/02/03
		equalizer)) and lms) and averag\$3) and	US-PGPUB;	16:39
1		@ad<19991214) and delay) and demodulator	EPO; JPO; DERWENT	
-	0	5559830.pn. and demodulator	USPAT;	2004/02/03
1			US-PGPUB;	16:23
			EPO; JPO;	
1		5550000	DERWENT	
-	2	5559830.pn.	USPAT;	2004/02/03
1			US-PGPUB; EPO; JPO;	16:23
İ			DERWENT	
_	39	demodulator and (equalizer with (averag\$3	USPAT;	2004/02/03
		and lms))	US-PGPUB;	16:54
			EPO; JPO;	
_	28	(demodulator and (equalizer with	DERWENT USPAT;	2004/02/03
		(averag\$3 and lms))) and @ad<19991214	US-PGPUB;	16:40
	İ	.,,	EPO; JPO;	
	1.5		DERWENT	
-	13	((demodulator and (equalizer with (averag\$3 and lms))) and @ad<19991214)	USPAT;	2004/02/03
		and (digital adj receiver)	US-PGPUB; EPO; JPO;	16:41
			DERWENT	
-	30	demodulator and ((equalizer or dfe) with	USPAT;	2004/02/03
		(averag\$3 with coefficient\$1) and (lms))	US-PGPUB;	16:59
			EPO; JPO; DERWENT	
-	12	 (demodulator and ((equalizer or dfe) with	USPAT;	2004/02/03
		(averag\$3 with coefficient\$1) and (lms)))	US-PGPUB;	16:57
		and @ad<19991214	EPO; JPO;	
		///	DERWENT	
-	2	((demodulator and ((equalizer or dfe) with (averag\$3 with coefficient\$1) and	USPAT;	2004/02/03
		(lms))) and @ad<19991214) and (digital	US-PGPUB; EPO; JPO;	17:06
		adj receiver)	DERWENT	
-	2	(demodulator and ((equalizer or dfe) with	USPAT;	2004/02/03
		(averag\$3 with coefficient\$1) and (lms	US-PGPUB;	16:57
		with delay))) and @ad<19991214	EPO; JPO;	
_	o	demodulator and ((equalizer or dfe) with	DERWENT USPAT;	2004/02/03
		(averag\$3 adj coefficient\$1) and (lms adj	US-PGPUB;	17:08
	j l	delay))	EPO; JPO;	
_		demadulation and thems like the second	DERWENT	0004/00/00
1	0	demodulator and ((equalizer or dfe) with (averag\$3 adj5 coefficient\$1) and (lms	USPAT; US-PGPUB;	2004/02/03 16:59
		adj5 delay))	EPO; JPO;	10.33
		- · · · · · · · · · · · · · · · · · · ·	DERWENT	
-	0	demodulator and ((equalizer or dfe) with	USPAT;	2004/02/03
		(averag\$3 adj coefficient\$1) and (lms	US-PGPUB;	16:59
1		adj5 delay))	EPO; JPO; DERWENT	
L	1		DEVMENT.	

	2	demodulator and ((equalizer or dfe) with (averag\$3 adj coefficient\$1) and (lms))	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:00
-	0	demodulator and ((dfe) with (averag\$3 adj coefficient\$1) and (lms))	DERWENT USPAT; US-PGPUB;	2004/02/03 17:00
_	10		EPO; JPO; DERWENT USPAT;	2004/02/03
		<pre>(averag\$3 with coefficient\$1) and (lms with delay))</pre>	US-PGPUB; EPO; JPO; DERWENT	17:00
_	2	5633896.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-	37	(averag\$3 adj circuit) and (digital adj receiver)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 17:07
-	2	((averag\$3 adj circuit) and (digital adj receiver)) and lms	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:06
-	38	(equalizer or dfe) with (averag\$3 adj (circuit or unit or network))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:10
-	5	((equalizer or dfe) with (averag\$3 adj (circuit or unit or network))) and (delay and lms)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:08
-	4	(((equalizer or dfe) with (averag\$3 adj (circuit or unit or network))) and (delay and lms)) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:08
-	1	((((equalizer or dfe) with (averag\$3 adj (circuit or unit or network))) and (delay and lms)) and @ad<19991214) and demodulator	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:10
-	21	· · · · · · · · · · · · · · · · · · ·	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 17:14
-	12	((averag\$3 adj coefficient\$1) and demodulator) and (equalizer or dfe)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:14
_	11	(((averag\$3 adj coefficient\$1) and demodulator) and (equalizer or dfe)) and lms	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	2	((((averag\$3 adj coefficient\$1) and demodulator) and (equalizer or dfe)) and lms) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:15
-	1788	(averag\$3 adj coefficient\$1)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:14
_	3	((averag\$3 adj coefficient\$1)) and (demodulator with (equalizer or dfe))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:15
_	2	((averag\$3 adj coefficient\$1)) and (demodulator near (equalizer or dfe))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:15
_	12	((averag\$3 adj coefficient\$1)) and (demodulator and(equalizer or dfe))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:24
l	L	<u> </u>	DERWENT	1.

0 ((digital adj broadcast\$3 adj receiver) and (averag\$3 adj coefficient\$1) with equalizer) USPAT; USPAT	-	3	(demodulator and (equalizer or dfe))) and	US-PGPUB;	
equalizer	_	0	((digital adj broadcast\$3 adj receiver)	DERWENT USPAT;	·
Coefficients1) with equalizer Superior				EPO; JPO;	17:18
-	_	0	((digital adj receiver) and (averag\$3 adj coefficient\$1) with equalizer)	USPAT; US-PGPUB;	The state of the s
17	-	0		USPAT; US-PGPUB; EPO; JPO;	
-	-	17	(\=	USPAT; US-PGPUB; EPO; JPO;	
Continue Continue	_	6	((= = = = - /	USPAT; US-PGPUB; EPO; JPO;	
174 (lms with delay) and @ad<19991214 USPAT; US-PGPUB; EPO; JPO; DERWENT uspat; Derwent and (averag\$3 adj(unit or circuit or network) with coefficient\$1) USPAT; US-PGPUB; EPO; JPO; DERWENT uspat; Derwent uspa	-	6	with equalizer)) and demodulator) and	USPAT; US-PGPUB; EPO; JPO;	
Company Comp	-	174	(lms with delay) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO;	
1 ((lms with delay) and @ad<19991214) and (averag\$3 adj(unit or circuit or network) with coefficient\$1)	-	0	(averag\$3 adj(unit or circuit or	USPAT; US-PGPUB; EPO; JPO;	1
-	-	1	(averag\$3 adj(unit or circuit or	USPAT; US-PGPUB; EPO; JPO;	
- 10 equalizer with ((averag\$3 adj(unit or circuit or network) with coefficient\$1)) - 2 (equalizer with ((averag\$3 adj(unit or Circuit or network) with coefficient\$1)))	-	0	(averag\$3 adj(unit or circuit or network) with coefficient\$1)) and	USPAT; US-PGPUB; EPO; JPO;	
2 (equalizer with ((averag\$3 adj(unit or circuit or network) with coefficient\$1)) US-PGPUB; and lms 28 equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1)) US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; and lms 5 (equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1))) US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; (coefficient\$1))) 28 equalizer and ((averag\$3 adj(unit or circuit or network) with US-PGPUB; EPO; JPO; DERWENT US-PGPUB;	_	10	equalizer with ((averag\$3 adj(unit or	USPAT; US-PGPUB; EPO; JPO;	1
- 28 equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1)) 5 (equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1))) and lms 4 ((equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1))) and lms 4 ((equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1))) and lms) and @ad<19991214 28 equalizer and ((averag\$3 adj(unit or circuit or network) with (coefficient\$1))) circuit or network) with 28 equalizer and ((averag\$3 adj(unit or circuit or network) with (coefficient\$1))) 29	_	2	circuit or network) with coefficient\$1)))	USPAT; US-PGPUB; EPO; JPO;	
- S (equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1))) us-pgpuB; and lms 4 ((equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1))) and lms) and @ad<19991214 - 28 equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1)) - 28 equalizer and ((averag\$3 adj(unit or circuit or network) with (coefficient\$1))) - 29 (equalizer and ((averag\$3 adj(unit or circuit or network) with (coefficient\$1))) - 2004/02/03 17:31 2004/02/03 17:33 2004/02/03 17:33 2004/02/03 17:33	-	28	equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1))	USPAT; US-PGPUB; EPO; JPO;	
4 ((equalizer and ((averag\$3 adj(unit or circuit or network) with coefficient\$1))) US-PGPUB; and lms) and @ad<19991214 EPO; JPO; DERWENT USPAT; US-PGPUB; (coefficient\$1))) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; (coefficient\$1))) EPO; JPO; DERWENT US-PGPUB; (coefficient\$1))) - 23 (equalizer and ((averag\$3 adj(unit or circuit or network) with USPAT; US-PGPUB; US-PGPUB; 17:33	_	5	<pre>circuit or network) with coefficient\$1)))</pre>	USPAT; US-PGPUB; EPO; JPO;	
- 28 equalizer and ((averag\$3 adj(unit or circuit or network) with (coefficient\$1))) - 23 (equalizer and ((averag\$3 adj(unit or circuit or network) with	-	4	circuit or network) with coefficient\$1)))	USPAT; US-PGPUB; EPO; JPO;	
- 23 (equalizer and ((averag\$3 adj(unit or USPAT; 2004/02/03 circuit or network) with US-PGPUB; 17:33	-	28	circuit or network) with	USPAT; US-PGPUB; EPO; JPO;	
(Coefficient(1)))) and Gad<19991214 EPO; JPO; DERWENT	-	23		USPAT; US-PGPUB; EPO; JPO;	

			•	
-	9	((equalizer and ((averag\$3 adj(unit or circuit or network) with	USPAT; US-PGPUB;	2004/02/03
		(coefficient\$1)))) and @ad<19991214) and	EPO; JPO;	
_	0	demodulator (((equalizer and ((averag\$3 adj(unit or	DERWENT	2004/02/03
		circuit or network) with	USPAT; US-PGPUB;	17:34
		(coefficient\$1)))) and @ad<19991214) and	EPO; JPO;	
	1	demodulator) and lms with delay (((equalizer and ((averag\$3 adj(unit or	DERWENT USPAT;	2004/02/03
		circuit or network) with	US-PGPUB;	17:36
		(coefficient\$1)))) and @ad<19991214) and	EPO; JPO;	
_	1	demodulator) and lms ((((equalizer and ((averag\$3 adj(unit	DERWENT USPAT;	2004/02/03
		or circuit or network) with	US-PGPUB;	17:38
		(coefficient\$1)))) and @ad<19991214) and	EPO; JPO;	
_	63	demodulator) and lms) and delay ghost adj detector	DERWENT USPAT;	2004/02/03
		g	US-PGPUB;	17:41
			EPO; JPO;	
_	18535023	 (ghost adj detector) @ad<19991214	DERWENT USPAT;	2004/02/03
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	17:38
			EPO; JPO; DERWENT	
-	52	(ghost adj detector) and @ad<19991214	USPAT;	2004/02/03
			US-PGPUB;	17:38
			EPO; JPO; DERWENT	
_	2	((ghost adj detector) and @ad<19991214)	USPAT;	2004/02/03
	•	and demodulator	US-PGPUB; EPO; JPO;	17:38
			DERWENT	
-	10	ghost adj calcula\$4	USPAT;	2004/02/03
			US-PGPUB; EPO; JPO;	17:41
			DERWENT	
-	7	(ghost adj calcula\$4) and @ad<19991214	USPAT;	2004/02/03
			US-PGPUB; EPO; JPO;	17:42
			DERWENT	
-	0	((ghost adj calcula\$4) and @ad<19991214) and (delay and demodulator and	USPAT; US-PGPUB;	2004/02/03
		coefficient and averag\$3)	EPO; JPO;	1,,12
_	1754	delay and demodulator and coefficient and	DERWENT USPAT;	2004/02/02
	. 1,24	averag\$3	US-PGPUB;	2004/02/03 17:43
		·	EPO; JPO;	
_ `	524	 (delay and demodulator and coefficient	DERWENT USPAT;	2004/02/03
		and averag\$3) and (equalizer or dfe)	US-PGPUB;	17:43
			EPO; JPO;	,
-	46		DERWENT USPAT;	2004/02/03
		and averag\$3) and (equalizer or dfe)) and	US-PGPUB;	17:43
		(digital adj receiver)	EPO; JPO; DERWENT	
-	1	(4323731.PN. and (((((multiple or two or	USPAT;	2004/02/03
		second or dual or plural) adj (variable adj gain adj amplifier\$1))) and (analog	US-PGPUB; EPO; JPO;	17:48
	,	adj2 digital adj converter)) and	DERWENT	
		@ad<19991214) and (level\$1 and comparator		
		and (loop adj filter) and (control adj voltage)))) and @ad<19991214		
-	38	lms with (tapped adj delay)	USPAT;	2004/02/03
		·	US-PGPUB; EPO; JPO;	17:44
			DERWENT	
_	9	(lms with (tapped adj delay)) and (equalizer and demodulator)	USPAT;	2004/02/03
	,	(squarrzer and demodurator)	US-PGPUB; EPO; JPO;	17:44
			DERWENT	

_	0	((lms with (tapped adj delay)) and (equalizer and demodulator)) and (averag\$3 adj cofficient\$1)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	25	109and (averag\$3 adj cofficient\$1)	DERWENT USPAT; US-PGPUB;	2004/02/03 17:45
	0	(]ma_rith_/tamad_adi_dalary\\ and	EPO; JPO; DERWENT	
	U	(lms with (tapped adj delay)) and (averag\$3 adj cofficient\$1)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03
-	0	(rake adj receiver) and (averag\$3 adj cofficient\$1)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 17:47
_	0	(equalizer) and (averag\$3 adj cofficient\$1)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03
_	0	(dfe) and (averag\$3 adj cofficient\$1)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:47
_	10	(dfe) and (averag\$3 adj coefficient\$1)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:47
-	26	(equalizer) and (averag\$3 adj coefficient\$1)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 17:55
_	10	((equalizer) and (averag\$3 adj coefficient\$1)) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 18:34
-	4	(((equalizer) and (averag\$3 adj coefficient\$1)) and @ad<19991214) and lms	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 17:55
-	250	lms with delay	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 17:55
_	8	(lms with delay) and ((equalizer) and (averag\$3 adj coefficient\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 17:55
	2	((lms with delay) and ((equalizer) and (averag\$3 adj coefficient\$1))) and @ad<19991214	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 17:57
-	2	(((lms with delay) and ((equalizer) and (averag\$3 adj coefficient\$1))) and @ad<19991214) and demodulator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03
-	1	(lms adj2 equalizer) and (average adj coefficient\$1)	USPAT; US-PGPUB; EPO; JPO;	2004/02/03 18:34
-	13	(lms and equalizer) and (average adj coefficient\$1)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 18:34
-	2	((lms and equalizer) and (average adj coefficient\$1)) and @ad<19991214	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/03 18:36
-	21	(equalizer or dfe) and (average adj coefficient\$1)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/03 18:34

_	8	((equalizer or dfe) and (average adj	USPAT;	2004/02/03
		coefficient\$1)) and (lms with delay)	US-PGPUB;	18:35
			EPO; JPO;	
_	2	(((equalizer or dfe) and (average adj	DERWENT USPAT;	2004/02/03
	-	coefficient(1)) and (lms with delay)) and	US-PGPUB;	18:35
		@ad<19991214	EPO; JPO;	
			DERWENT	
-	0	, (USPAT;	2004/02/03
		and (averag\$3 near coefficient\$1))	US-PGPUB;	18:36
	1		EPO; JPO;	
_	0	 (equalizer or dfe) and ((lms near delay)	DERWENT USPAT;	2004/02/03
		and (averag\$3 near coefficient\$1))	US-PGPUB;	18:36
		and (avoluges near socilioteneer)	EPO; JPO;	10.00
	1		DERWENT	
-	8	(-1	USPAT;	2004/02/03
		and (averag\$3 near5 coefficient\$1))	US-PGPUB;	18:36
			EPO; JPO;	
l _	1	//ompalizor or dfo) and //lms noars	DERWENT	2004/02/03
	1	((equalizer or dfe) and ((lms near5 delay) and (averaq\$3 near5	USPAT; US-PGPUB;	2004/02/03 18:36
		coefficient\$1))) and @ad<19991214	EPO; JPO;	-3.50
			DERWENT	
-	39	1 3 3 1 1 1 3	USPAT;	2004/02/04
		detect\$3)	US-PGPUB;	09:24
			EPO; JPO;	
_	4	 ((digital adj2 receiver) and (delay adj	DERWENT USPAT;	2004/02/04
		(digital adj2 receiver) and (delay adj detect\$3)) and (equalizer or dfe)	US-PGPUB;	09:24
			EPO; JPO;	
			DERWENT	
-	3		USPAT;	2004/02/04
		detect\$3)) and (equalizer or dfe)) and	US-PGPUB;	09:26
		@ad<19991214	EPO; JPO; DERWENT	·
_	1	 ((((digital adj2 receiver) and (delay adj	USPAT;	2004/02/04
		detect\$3)) and (equalizer or dfe)) and	US-PGPUB;	09:28
		@ad<19991214) and (lms and averag\$3)	EPO; JPO;	
			DERWENT	
-	1		USPAT;	2004/02/04
		adj detect\$3)) and (equalizer or dfe)) and @ad<19991214) and (lms and averag\$3))	US-PGPUB; EPO; JPO;	09:33
		and coefficient\$1	DERWENT	
-	7	lms with (delay and energy)	USPAT;	2004/02/04
			US-PGPUB;	09:37
			EPO; JPO;	
	_		DERWENT	2004/02/24
-	5	(lms with (delay and energy)) and @ad<19991214	USPAT;	2004/02/04
		Gau\17991214	US-PGPUB; EPO; JPO;	09.37
			DERWENT	
-	1.	1 . 1	USPAT;	2004/02/04
		energy))	US-PGPUB;	09:38
			EPO; JPO;	
l _	0	dfe with (lms with (delay and energy))	DERWENT	2004/02/04
		dre wron (rms wron (deray and energy))	USPAT; US-PGPUB;	09:35
			EPO; JPO;	
			DERWENT	
-	0		USPAT;	2004/02/04
		energy))	US-PGPUB;	09:36
	}		EPO; JPO;	
_	0	lms with ((tapped adj delay) and energy)	DERWENT USPAT;	2004/02/04
	I	and therefore any deray, and energy,	US-PGPUB;	09:37
			EPO; JPO;	
1			DERWENT	
-	. 7	lms with ((delay\$3) and energy)	USPAT;	2004/02/04
			US-PGPUB;	09:39
			EPO; JPO; DERWENT	
	<u> </u>	L		L

\	5	(lms with ((delay\$3) and energy)) and @ad<19991214	USPAT;	2004/02/04
		@ad<19991214	US-PGPUB;	09:37
			EPO; JPO; DERWENT	
-	14	370/289.ccls. and equalizer	USPAT;	2004/02/04
		1	US-PGPUB;	09:38
			EPO; JPO;	
			DERWENT	
-	12	(370/289.ccls. and equalizer) and @ad<19991214	USPAT;	2004/02/04
		@ad<19991214	US-PGPUB; EPO; JPO;	09:38
			DERWENT	
_	0	((370/289.ccls. and equalizer) and	USPAT;	2004/02/04
		@ad<19991214) and (lms with ((delay\$3)	US-PGPUB;	09:41
		and energy))	EPO; JPO;	
	_		DERWENT	
ļ -	6	averag\$3 adj lms	USPAT;	2004/02/04
			US-PGPUB;	09:53
			EPO; JPO;	
_	0	((averag\$3 adj lms) and @ad<19991214) and	DERWENT USPAT;	2004/02/04
		equalizer	US-PGPUB;	09:42
		•	EPO; JPO;	
			DERWENT	
-	4	(averag\$3 adj lms) and @ad<19991214	USPAT;	2004/02/04
	1		US-PGPUB;	10:37
			EPO; JPO;	
1_	0	equalizer with (averag\$3 adj lms)	DERWENT	2004/02/24
	1	equalizer with (averags3 ad) ims)	USPAT; US-PGPUB;	2004/02/04
			EPO; JPO;	10:06
			DERWENT	
-	0	equalizer and (averag\$3 adj lms)	USPAT;	2004/02/04
			US-PGPUB;	10:06
			EPO; JPO;	
		CC4C201	DERWENT	
-	2	6646321.pn.	USPAT;	2004/02/04
			US-PGPUB; EPO; JPO;	10:37
			DERWENT	
_	2	6643321.pn.	USPAT;	2004/02/04
		-	US-PGPUB;	10:43
			EPO; JPO;	
	1	6621171	DERWENT	
-	2	6631171.pn.	USPAT;	2004/02/04
			US-PGPUB; EPO; JPO;	11:03
			DERWENT	
-	2	5375145.pn.	USPAT;	2004/02/04
			US-PGPUB;	10:47
			EPO; JPO;	
		275 /2221 1 /-1 /5:	DERWENT	
-	1	375/332.ccls. and (shift with (delay adj time))	USPAT;	2004/02/04
		CIME))	US-PGPUB;	10:55
			EPO; JPO; DERWENT	
_	5	375/332.ccls. and (shift\$3 with (delay\$3	USPAT;	2004/02/04
		adj time))	US-PGPUB;	10:55
			EPO; JPO;	
		(275 / 220)	DERWENT	
_	4	(375/332.ccls. and (shift\$3 with (delay\$3	USPAT;	2004/02/04
		adj time))) and start\$3	US-PGPUB;	10:55
			EPO; JPO;	
_	1	"4517526".PN.	DERWENT USPAT	2004/02/04
			JOLAI	10:57
-	1	"4710772".PN.	USPAT	2004/02/04
				10:58
-	1	"5325401".PN.	USPAT	2004/02/04
				10:58

-	2	5375145.pn.	USPAT;	2004/02/04
		-	US-PGPUB;	12:18
			EPO; JPO;	
			DERWENT	
_	'83	(broadcast\$3 adj receiver\$1) and	USPAT;	2004/02/04
		(variable adj gain adj amplifier)	US-PGPUB;	13:37
			EPO; JPO;	
			DERWENT	
_	30	((broadcast\$3 adj receiver\$1) and	USPAT;	2004/02/04
		(variable adj gain adj amplifier)) and	US-PGPUB;	12:20
		(bandwidth and ratio and loop and shift\$3	EPO; JPO;	
		and delay)	DERWENT	
_	10	(((broadcast\$3 adj receiver\$1) and	USPAT;	2004/02/04
		(variable adj gain adj amplifier)) and	US-PGPUB;	12:23
		(bandwidth and ratio and loop and shift\$3	EPO; JPO;	
		and delay)) and @ad<19991214	DERWENT	
_	7	((((broadcast\$3 adj receiver\$1) and	USPAT;	2004/02/04
		(variable adj gain adj amplifier)) and	US-PGPUB;	12:29
		(bandwidth and ratio and loop and shift\$3	EPO; JPO;	
		and delay)) and @ad<19991214) and	DERWENT	
		(control adj voltage)		<u> </u>
_	0		USPAT;	2004/02/04
		(variable adj gain adj amplifier)) and	US-PGPUB;	12:29
		(bandwidth and ratio and loop and shift\$3	EPO; JPO;	
		and delay)) and @ad<19991214) and	DERWENT	
		(control adj voltage)) and snr	i	
_	6	((((broadcast\$3 adj receiver\$1) and	USPAT;	2004/02/04
		(variable adj gain adj amplifier)) and	US-PGPUB;	12:29
		(bandwidth and ratio and loop and shift\$3	EPO; JPO;	
		and delay)) and @ad<19991214) and	DERWENT	
		(control adj voltage)) and error		